LMS FUNCTIONALITY (Increment 2&3)

Major Categories							Functionality Description
ATIA Interface	Scheduling	Notification Requirements	Full Reporting Functionality	Remaining Base System Modification Requirements	Student Generated Learning Material Stora	Collaboration	This is a learning method that involves one or more groups of individuals (a team) who together complete a learning activity.
							Storage of student produced products as required by the education / training courseware.
							These are changes to the baseline configuration of COTS software / hardware needed to bring to bring the final production LMS configuration into full compliance with the functional requirements.
							The generation of standardized reports from information residing in the data base, compiling ad hoc reports and building report templates.
							Automated process to provide information and data to system users as needed to perform their education / training roles as defined in the ATIA-OA.
							This is the unit and individual education / training management activity of ensuring the specific units, people, things (equipment, materials, etc.), and site(s) (facility) are available for use to create and implement the education/training when needed (time and time p
							The connectivity linkage and transfer of information / data between the ATIA database and other databases.

Collaboration Sub Functions

- Complete a learning activity
- Synchronous/Asynchronous instruction
- Synchronous class meetings
- On-line Presentations
- Recordable synchronous sessions for later viewing by student

Remaining Base System Modification Requirements Sub Functions

- Reserving Digital Training Facilities (DTF) workstations for individual self study
- Assign individual workstations for DTF rooms assigned to a class
- Web interface for DTF workstation assignment for walk-in student
- Modification to the Graphics Unit Interface (GUI) to support Student Generated Learning Management Storage (SGLMS)
- Modify the SABA authentication class to execute the authentication code on the SGLMS
- Prompt user for time zone at log in
- Display course manifest attachments to course developers only

Notification Requirements Sub functions

- Waitlist Subprocess Flow - Notify Course Manager (CM) and Owner of Update
- Course Catalog - Notify CM and Owner of Update
- Course Catalog - Course Change
- Product Catalog - Notify CM of new product
- Product Catalog - Notify CM of update
- Product Catalog - Reorder product
- Product Catalog - Product Catalog Availability
- Registration - Notify Learner and Learner's Unit Training Manager (UTM)
- Registration - Notify learner of approval of request
- Registration - Notify Learner, UTM of disapproval of request
- Registration - Notify Learner, UTM, CM, Class Manager and Instructor
- Registration - Notify Learner, UTM of account activation
- Registration - Notify Learner, UTM of wait list
- Registration - Notify Quality Management (QM)
- Registration - Notify Learner, UTM
- Registration - Registration

Notification Requirements Sub functions (cont)

- Registration - 5 day registration request
- Registration - Waitlist Subprocess Flow
- Registration - Request Approval Subprocess Flow
- Registration - Waiver Subprocess Flow
- Registration - Maintain Reservation Subprocess Flow
- Resource and Event Scheduling - CM will notify recipient that schedule can be viewed by accessing the system
- Resource and Event Scheduling - ATRRS DTF scheduling notification
- Product Distribution - Notify recipient with URL of material
- Product Distribution - Notify Recipient, CM, Instructor, and DTFM
- Product Distribution - Notify CM, Product Distributor (PD) to get additional inventory
- Product Distribution - Reorder product
- Product Distribution - Product reorder not updated
- Product Distribution - 14 day address validation
- Product Distribution - Determine Product Requirements Sub process Flow
- Training Delivery - Notify Learner, Instructor, or SME of upcoming training event

Scheduling Sub Functions

- Schedule class start/stop date within courses
- Modifies starts to achieve best fit of resource allocations
- Report conflicts of resources and suggest alternate training
- Schedule non-POI events
- Include holiday/special training events (static) that impact on training and/or resources
- Suggest conflict resolution
- Create reports identifying class start and graduation dates
- Allow co-use of training resources
- Allow overlap of facilities
- Schedule courses be resource preference IAW published priority list from information contained in Master Training Schedule to produce a Master Training Plan

Scheduling Sub Functions (cont)

- Provide interactivity between various school training activities e.g.: Central Scheduling, ATRRS Manager, resource providers, course managers, commanders and their staff
- Support shared training events (coordinate separate courses into one training event to maximize shared training) both POI and non-POI
- Publish POI and non-POI training schedule electronically and hard copy.
- Publish detailed final schedules from Master Training Plan.
- Requests for change must be easily identified as a request versus approved
- Requested change (TRAP, MOB, special event, fill pattern change) must be approved through hierarchal means and must follow chain of command
- Means to change must coordinate resources and report alternatives. Change effected must be coordinated with appropriate users

Scheduling Sub Functions (cont)

- Approval/Disapproval/Modify request for change must be hierarchal, and notify user/providers of change
- Must have audit trail to record date/time/user of all actions pertaining to the requested change
- Must notify users of change as well as resource provider
- The scheduling program administrator must be the control for the read/write capability
  - Request Change
  - Approve/disapprove change
  - Change resource requirement (vs. date/time)
  - Read only
  - Change student load
- Creation of reports
  - Resource Utilization
  - Hard copy schedule by class, event, resource, students, etc
  - Resource availability by capability (Classroom, shop, recovery ranges, individual vehicle (by bumper number), resource limitations, cost)
  - Cos
- Hardcopy view of classes/resource utilization (time line)

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ATIA Interface Sub Functions

- Provides interface with ATIA the Army objective common training database (Ability to operate seamlessly with other ATIS configurations)
    - Provides data interface with objective training development configuration TDDT
    - Provides data interface required to deliver DL content from multiple locations`